

**GENERAL NOTES**

- All construction shall be in accordance with the latest standards and specifications of Howard County plus MSHA standards and specifications if applicable.
- The contractor shall notify the Bureau of Engineering/Construction Inspection Division at 410-313-1880 at least five (5) working days prior to start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
- Project background:
  - Location: Tax map #47, Grid 10, P/O Parcel 837
  - Zoning: R-ED (per the "Comp Lite" Zoning Regulation Amendments effective 7/28/06.)
  - Election District: Sixth
  - Buildable Lot Area: 7670.2 sq. ft or 0.176 acres
  - Open Space Area: 0.086 acres
  - Total Area: 11,418.6 sq. ft or 0.262 acres
  - Recording Reference: Howard County Land Records Plat No. 15537
- Traffic control devices, markings, and signing shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt.
- All plan dimensions are to the face of curb or face of building unless otherwise noted. Dimensions are measured perpendicular or radial between items unless otherwise noted.
- Existing topography and features were derived from a field survey conducted on February 18 and 27, 2006 using a 5-second Trimble robotic total station.
- Horizontal and vertical control were established by measuring from Howard County geodetic survey control stations 47E3 and 47E4, the locations and values of which are shown on the vicinity map on this sheet. At the site, control for house and site stakeout consists of two plus cuts, ELS-1 and ELS-2, and markers at the four corners of lot 45 as set by the original subdivision surveyor, Gutschick Little & Weber, P.A. in February, 2006, all of which are shown on the Site Plan on page 2 of these plans.

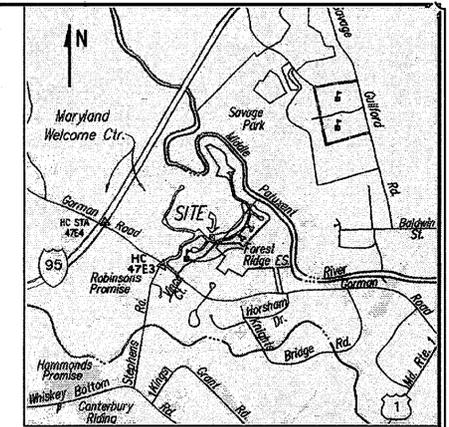
Sta.	Description	Northing*	Easting*	Elevation*
ELS-1	X-cut in conc. mountable curb	535599.77	1357885.71	316.00
ELS-2	X-cut in cor. concrete sidewalk	535730.07	1357790.34	321.73
6LW-1	cl yellow cap "Property Mark 163"	535764.06	1357842.91	313.51
6LW-2	cl yellow cap "Property Mark 163"	535774.72	1357932.56	305.42
6LW-3	cl yellow cap "Property Mark 163"	535634.12	1357909.06	315.73
6LW-4	cl tack on yell. cap "Prop. Mark 163"	535664.38	1357816.61	321.83

- \*based on Howard County Geodetic Survey Control stations 47E3 & 47E4
- Public water and sewer are to be utilized (Patapsco Drainage Area). Contract No. 34-3948-D.
  - Stormwater management is provided by a private facility under F-01-204. The private stormwater management, drainage and utility easement is owned and maintained by the homeowner's assn.
  - All storm drains serving this lot are private and built under the F-01-204 plan.
  - Information concerning underground utilities was obtained by surveying features observable from above ground and from drawings from Contract No. 34-3948-D; however, the contractor must determine exact locations by digging test pits by hand at all utility crossings well in advance of construction.
  - Both noise and traffic studies were approved as part of sketch plan S-00-13 approved on 10-10-2000.
  - Any damage to county-owned right-of-ways to be corrected at Contractor's expense.
  - Other Howard County files related to this site: S-00-13, P-01-15, PB-345, WP-01-88, WP-00-88, WP-00-126, WP-01-60, WP-01-94, F-01-177, PB 345, F-01-85, F-01-204, SDP-04-52, & WP-02-50; Contract #34-3948-D.
  - Forest conservation has been satisfied under F-01-204.
  - Driveway apron to be built according to Howard County standard detail Residential Driveway Entrance, Closed Section with Modified Combination Curb and Gutter and Sidewalk, dated 1-12-81, last revised Oct. 1990, and reproduced on page three of these plans.
  - The required perimeter landscaping and street trees have been provided as shown on approved final plan F-01-204 in accordance with requirements of section 16.124 of the Howard County Code and Landscape Manual. Since this is an internal lot within a subdivision, no landscaping is required.
  - In accordance with Section 128 of the Howard County Zoning Regulations, bay windows, chimneys or exterior stairways not more than 16 feet in width may project not more than 4 feet into any setbacks, porches or decks, open or enclosed may project not more than 10 feet into the front or rear yard setback.
  - Trash, mail and school bus services will be provided to the entire development, trash services by the Howard County Refuse Collection Contractor, postal service by the U.S. Postal Service, and school buses by the Howard County School Bus Contractor.
  - Articles of incorporation for the Stone Lake Community Association are filed with the State Department of Assessments and Taxation on 10/04/01, receipt #06486757. The Community Association Constitution was recorded in the Land Records of Howard County on February 27, 2002 in Liber 6019, Folio 454.
  - Sewer cleanouts shall be flush with proposed driveway surface. If a concrete driveway is to be utilized, provide a 12-inch by 12-inch reinforced concrete panel around the cleanout with expansion joint material as appropriate. If cleanout is paved over in the future, DPW will not be responsible for damage to driveway when accessing cleanout.
  - This plat is subject to the Amended Fifth Edition of the Subdivision and Land Development Regulations per Council Bill 45-2003 and the Zoning Regulations as amended by Council Bill 75-2003. Development or construction on these lots must comply with setback and buffer regulations in effect at the time of submission of the site development plan, waiver petition application, or building/grading permit.
  - Since all roads are private, there is not front BRL for any lot.
  - Driveways shall be provided prior to issuance of a Use and Occupancy Permit for any new dwellings to insure safe access for fire and emergency vehicles per the following minimum requirements:
    - A. Width -- 12 ft (14 ft serving more than one residence);
    - B. Surface -- 6" of compacted crusher run base with tar and chip coating (1 1/2" min.);
    - C. Geometry -- max. 15% grade, max. 10% grade change and min. 45 ft turning radius;
    - D. Structures (culverts/bridges) -- capable of supporting 25 gross tons (H25 loading);
    - E. Drainage elements -- capable of safety passing 100-year flood with no more than 1 ft depth over driveway surface;
    - F. Maintenance -- sufficient to all-weather use.
  - All easements (public and/or private) shown on this plan are per recorded plat 15537.
  - Stone Lake Community Association, Inc., is the homeowner's association recorded on February 21, 2002 in Liber 6019 at Folio 414, the SDAT No. is D06486757.
  - No clearing, grading or construction is permitted within the required wetlands, wetland buffers, streams, stream buffers, floodplains, and steep slopes, except as permitted per WP-00-88 and WP-01-94.
  - The forest conservation easements in Stone Lake have been established to fulfill the requirements of Section 16.1200 of the Howard County Forest Conservation Act. No clearing, grading or construction is permitted within any forest conservation easement, except as shown on an approved road construction drawing or site development plan. (No forest conservation easement exists within the limits of disturbance of this Site Development Plan.)

# RESIDENTIAL SITE DEVELOPMENT PLAN

## LOT 45 OF STONE LAKE

### Howard County, near Savage, Maryland

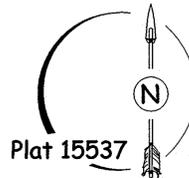
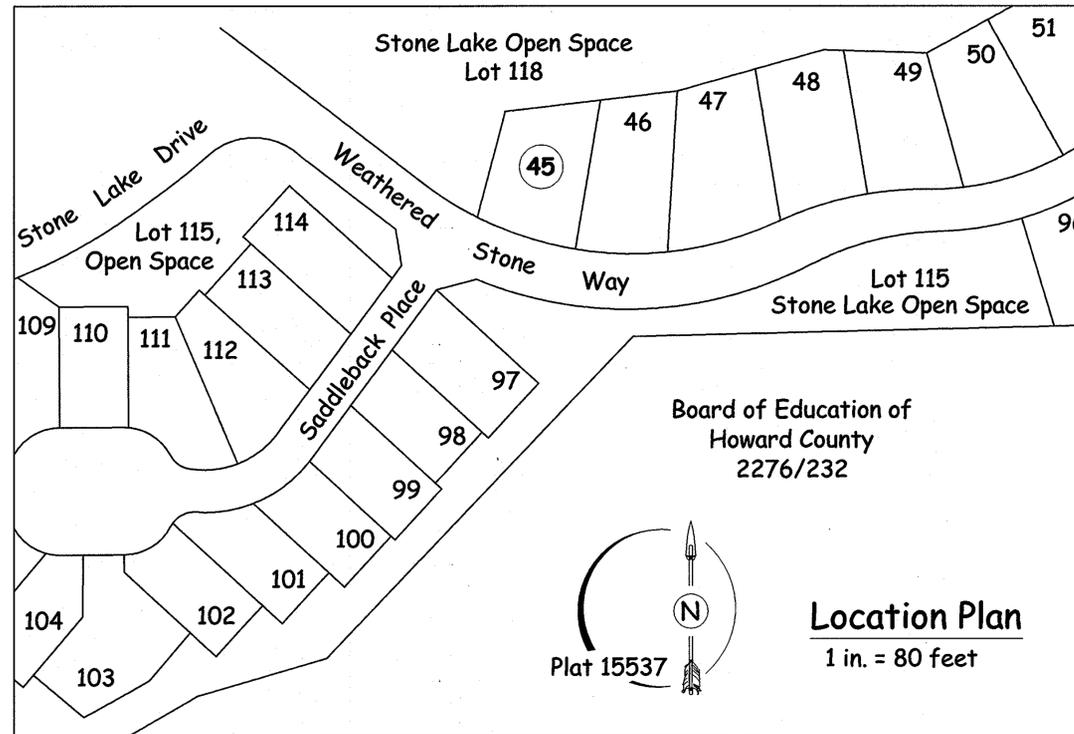


Vicinity Map (1 in. = 2000 ft)

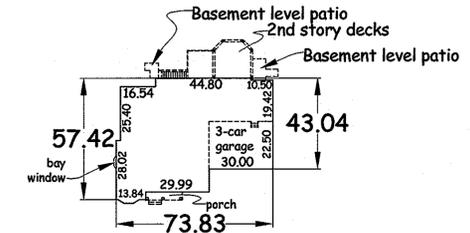
Map Coordinate Reference: 20-A7, Ho. Co. ADC map

**Howard Co. Survey Control Points Used**

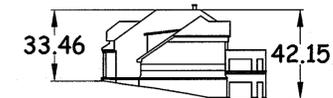
Sta.	Northing(ft)	Easting(ft)	Elev.
47E3	535018.4802	1356707.2133	298.653
47E4	535846.1521	1355431.2024	338.235



**Location Plan**  
1 in. = 80 feet



**House Model Footprint**  
1 inch = 40 feet



**East Elevation**  
1 inch = 40 feet

**Computation of Mean Height of House**  
(based on Sect. 103.A.18 of the Zoning Regs)

Facade	Mean Height(ft)	Overall Average = 28.5 feet
N (rear)	35	
S (front)	22	
E	30	
W	27	

**SHEET INDEX**

Sheet No.	Title
1	Cover Sheet, House Details, Gen'l Notes
2	Site & Sediment Control Plan
3	Sediment Control & Driveway Details, Cut/Fill Comps
4	Retaining Wall & Driveway/Walk Paving Details

- The following waivers might be applicable to this SDP:
  - On August 11, 2000 WP-00-88, waiver of Sections 16.116b.(1)&(2), to permit grading and clearing on steep slopes over 25% in the contiguous area in over 20,000 sq. ft. and 16.116(c), to permit grading and clearing in wetlands, wetland buffers, streams, stream buffers and floodplains, was granted, subject to various conditions as outlined in the approval letter.
  - On July 12, 2000, WP-00-126, waiver of section 16.144(c)(2) and 116.144q(3), was granted, to permit Developer 45 days from the approval date to submit additional information as required by the SRC agencies.
  - On January 16, 2001, WP-01-60; waiver of Section 16.120.c(2), to permit lots without public road frontage, and 16.120.c(4) to permit the length of a private road to exceed 200 ft for SFA units, was granted.
  - On March 28, 2001, WP-01-88, waiver of section 16.116.f was denied requesting a waiver of the requirements to submit a preliminary plan for required road improvements along Gorman Road due to the judgement that a separate preliminary plan submission was not required.
- No front BRL is required of lots in the Stone Lake subdivision, per the final plat, F-01-204.

APPROVED: Howard County Department of Planning & Zoning

*[Signature]* 5/14/07  
Chief, Development Engineering Division Date

*[Signature]* 5/15/07  
Chief, Division of Land Development Date

*[Signature]* 5/25/07  
Director Date

PERMIT INFORMATION CHART					
Subdivision Name	Stone Lake		Section/Area	N/A	Lot/Parcel No.
Plat #	15537	Grid #	10	Zoning	R-ED
Tax Map #	47	Elect. Distr.	6	Census Tract	6069.02
Water Code	C02		Sewer Code	6100000	

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
Lot 45, Parcel 1047	8711 Weathered Stone Way, Laurel, Md 20723

**Edwin Lee Smith**  
Professional Engineer  
Property Line Surveyor

1020 Boyd Street  
Baltimore, MD 21223

Phone/fax (410) 528-1853

Date Revisions



**OWNER**  
Paul J. Imperatore,  
Imperatore Development,  
L.L.C.  
1804 Webster Street  
Baltimore, Maryland 21230  
ph. 410-218-2091

**Cover Sheet, House Details, Gen'l Notes**  
  
Lot 45 of Stone Lake  
Residential Site Development Plan

8711 Weathered Stone Way,  
Laurel, Maryland 20723  
Howard County Election District No. 6,  
Tax Map 47, Grid 10, Parcel 1047, Lot 45  
Plat No. 15537, sheet 3 of 8, Howard Co. Land Records

Date: March 19, 2007  
Scale: As noted  
Sheet 1 of 4

**SEDIMENT CONTROL NOTES**

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (410 313-1855)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
- Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes and perimeter slopes and all slopes greater than 3:1, b) 14 days to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings, sod, temporary seedings and mulching (Sect. 6).
- All sediment control structures are to remain in place and are to be maintained in operative condition until permanent stabilization has been obtained from the Howard County Sediment Control Inspector.

**SOD**

- A. General Specifications**
- Class of Turfgrass sod shall be Maryland or Virginia State Certified or Approved. Sod labels shall be made available to the job foreman and inspector.
  - Sod shall be machine cut at a uniform soil thickness of 3/4", plus or minus 1/8", at the time of cutting. Measurement for thickness shall exclude top growth and thatch. Individual pieces of sod shall be cut to the supplier's width and length. Maximum allowable deviation from standard widths and lengths shall be 5 percent. Broken pieces or torn or uneven ends will not be acceptable.
  - Standard size sections of sod shall be strong enough to support their own weight and retain their size and shape when suspended vertically with a firm grasp on the upper 10 percent of the section.
  - Sod shall not be harvested or transported when moisture content (excessively dry or wet) may adversely affect its survival.
  - Sod shall be harvested, delivered, and installed within a period of 36 hours. Sod not transplanted within this period shall be approved by an agronomist or soil scientist prior to its installation.
- B. Sod Installation**
- During periods of excessively high temperature or in areas having dry subsoil, the subsoil shall be lightly irrigated immediately prior to laying the sod.
  - The first row of sod shall be laid in a straight line with subsequent rows placed parallel to and tightly wedged against each other. Lateral joints shall be staggered to promote more uniform growth and strength.
  - Wherever possible, sod shall be laid with the long edges parallel to the contour and with staggering joints. Sod shall be rolled and tamped, pegged or otherwise secured to prevent slippage on slopes and to ensure solid contact between sod roots and the underlying soil surface.
  - Sod shall be watered immediately following rolling or tamping until the underside of the new sod pad and soil surface below the sod are thoroughly wet. The operations of laying, tamping and irrigating for any piece of sod shall be completed within eight hours.
- C. Sod Maintenance**
- In the absence of adequate rainfall, watering shall be performed daily or as often as necessary during the first week and in sufficient quantities to maintain moist soil to a depth of 4 inches. Watering should be done during the heat of the day to prevent wilting.
  - After the first week, sod watering is required as necessary to maintain adequate moisture content.
  - The first mowing of sod should not be attempted until the sod is firmly rooted. No more than 1/3 of the grass leaf shall be removed by the initial cutting or subsequent cuttings. Grass height shall be maintained between 2 inches and 3 inches unless otherwise specified.

**ADDITIONAL SOD NOTES**

- All sodding shall be done according to American Nursery Standards, and shall be comprised of Maryland State Mix Sod.
- Sod Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before sodding (unless previously loosened).
- Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs per sq. ft).
- Apply three inches of topsoil and ComPro Mix 50% each.

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding (unless previously loosened).

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq. ft).

Seeding: For periods March 1 thru April 30 and from August 15 thru October 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs/1000 sq. ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (07 lbs/1000 sq. ft). For the period November 15 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft) of unrotted, weed-free, small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (6 gal/1000 sq. ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal per acre (8 gal/1000 sq. ft) for anchoring.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rates and methods not covered.

**DUST CONTROL**

**Definition:** Controlling dust blowing and movement on construction sites and roads.

**Purpose:** To prevent blowing and movement of dust from exposed soil surfaces, reduce on- and off-site damage, health hazards, and improve traffic safety.

**Conditions Where Practice Applies:** Applicable to areas subject to dust blowing and movement where on- and off-site damage is likely without treatment.

**Specifications: (temporary methods)**

- Mulches -- See standards for vegetative stabilization with mulches only. Mulch should be crimped or tacked to prevent blowing.
- Vegetative Cover -- See standards for temporary vegetative cover.
- Tillage -- To roughen surface and bring clods to the surface. This is an emergency measure that should be used before soil blowing starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12' apart, spring-toothed harrows, and similar plows are examples of equipment that may produce the desired effect.
- Irrigation -- Generally done as an emergency treatment. Site is sprinkled with water until the surface is moist. Repeat as needed. At no time should the site be irrigated to the point that runoff begins to flow.
- Barriers -- Solid board fences, silt fences, snow fences, straw bales, and similar material may be used to control air currents and soil blowing. Barriers placed at right angle to prevailing currents at intervals at about ten times their height are effective in controlling soil blowing.
- Calcium Chloride -- Apply at rates that will keep surfaces moist. May need treatment.

**Specifications: (permanent methods)**

- Permanent Vegetation -- See standards for permanent vegetative cover, and permanent stabilization with sod. Existing trees or large shrubs may afford valuable protection if left in-place.
- Topsailing -- Covering with less erosive soil material. See standards for topsoil.
- Stone -- Cover surface with crushed stone or gravel.

**References**

- Agriculture Handbook 346, Wind Erosion Forces in the United States and Their Use in Predicting Soil Loss.
- Agriculture Information Bulletin 354, How to Control Wind Erosion. USDA, ARS. (U.S. Dept. of Agriculture, Agricultural Research Service)

**SEQUENCE OF CONSTRUCTION**

- Obtain grading permit and arrange for an on-site meeting one (1) day before commencement of construction.
- Install stone construction entrance, silt fence and inlet protection, use existing control devices as shown on SDP-04-52 and SDP-03-54 if available. Install any existing devices as necessary. Two (2) days.
- Begin rough grading. One (1) week.
- Make utility connections.
- Construct houses. Ten (10) weeks.
- Fine grade site and stabilize in accordance with permanent seeding notes and remove sediment control devices with permission from the sediment control inspector. One (1) week.
- Install sidewalk and driveway. One (1) week.

**Site Plan Notes**

- The topo for this drawing was surveyed on-site February 18 & 27, 2006 using a Trimble 5-second robotic total station.
- Contour interval 2 feet.
- Vertical Datum: Howard County Geodetic Survey Control.
- Driveway entrance to be built according to Howard County Dept. of Public Works residential driveway entrance detail "Closed Section with Modified Combination Curb and Gutter and Sidewalk," dated 01/12/81, last revised Oct. 1990. Driveway apron and materials to be per Howard County standards. (For a copy of this, see sheet 3 of these plans.)
- Front yard and garage walls to be constructed of the same stone as the house stone.
- Curb opening inlets exist on both sides of Weathered Stone Way to the east (downhill) of this site, but not within the limits of this drawing. If deemed necessary by the Engineer, one or more of these existing inlets will be protected according to Detail 23C as shown on sheet 3 of these plans.

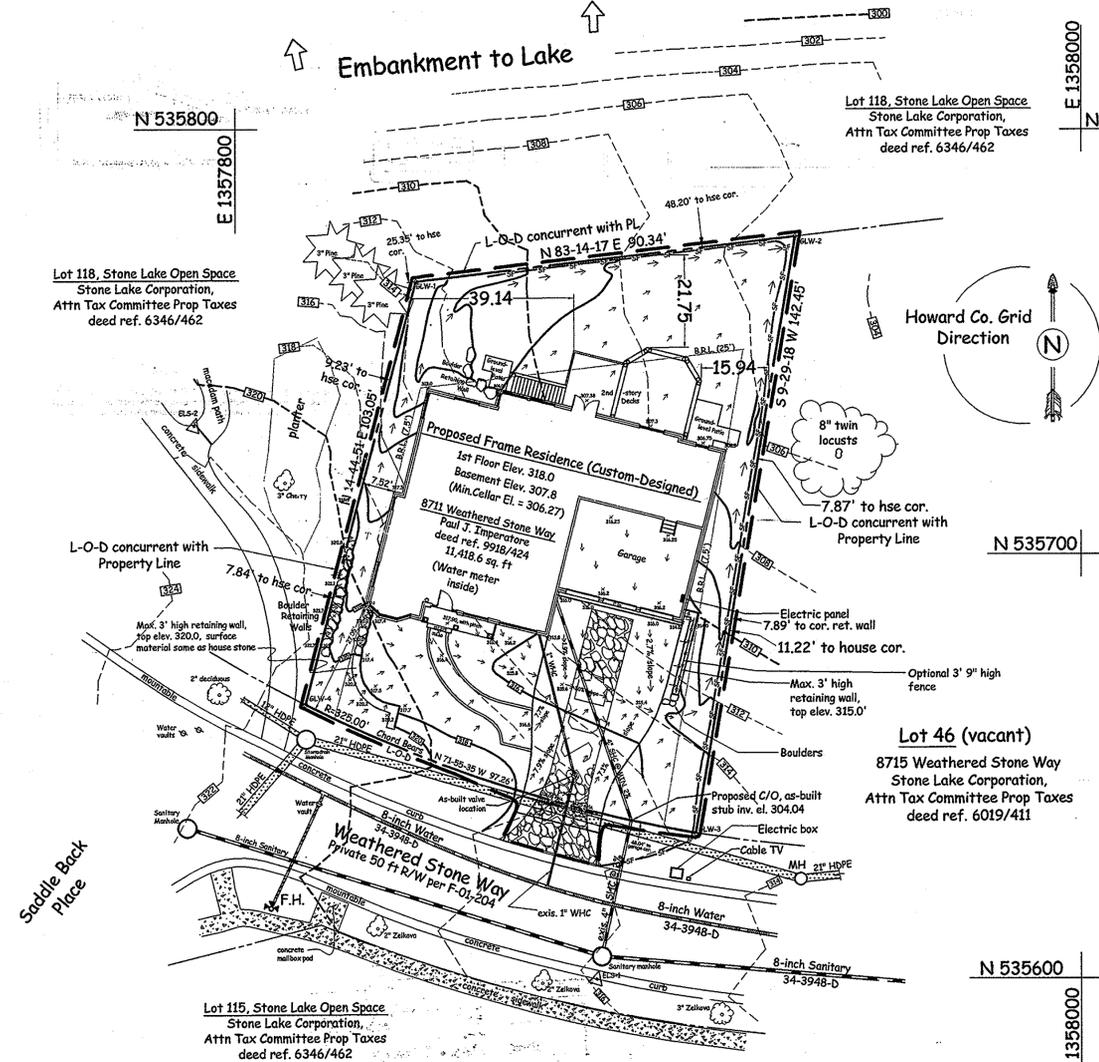
**Computation for Minimum Basement Floor Elevation**

Proposed Basement Floor Elevation = 307.8 ft, Ho.Co. Datum

Exis. Sanitary House Connection Stub Invert Elev. per Contract 34-3948-D = 304.04 ft, Ho.Co. Datum

Max/ Horiz. Length of House Connection between R/W line & most remote point in proposed basement = 111.3 feet

Min. Basement Floor Elev. to Provide Adequate Slope for Gravity Sewer Connection from Most Remote Point = 304.04 + (0.02 X 111.32) = 306.27 ft, < 307.8 ft, OK



**ENGINEER'S CERTIFICATE**

"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

*Edwin Lee Smith* 4/24/07  
Edwin Lee Smith, PE Date

**DEVELOPER'S/BUILDER'S CERTIFICATE**

"I certify that all development and/or construction will be done according to this plan, and that any responsible personnel involved in this construction project will have a Certificate of Attendance at a Maryland Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the HSCD"

*Paul J. Imperatore* 4-24-07  
Paul J. Imperatore Date

**Site Plan Legend**

Boundary or Right of Way line	Exis. Deciduous Tree	Proposed Spot Elev.
Exis. Sanitary Sewer Main	Exis. Evergreen Tree	Exis. 2 ft Contour
Exis. Water Main	Exis. Concrete Sidewalk	Proposed 2 ft Contour
Exis. Fire Hydrant	Proposed Stabilized Construction Entrance	Exis. Water Vault/Valve
Exis. Mountable Curb & gutter	Limits of Disturbance	Silt Fence
Exis. Stormdrain		Manhole
		Boulders

APPROVED: Howard County Department of Planning & Zoning

*David A. Leigh* 5/15/07  
Director Date

*Chris Hamz* 5/15/07  
Chief, Division of Land Development Date

*Edwin Lee Smith* 5/14/07  
Chief, Development Engineering Division Date

Reviewed for HOWARD SCD and meets Technical Requirements

*Jim Meyer* 5-3-07  
USDA-Natural Resources Conservation Service Date

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District

*John K. Robertson* 5-3-07  
Howard S.C.D. Date

**Edwin Lee Smith**  
Professional Engineer  
Property Line Surveyor

1020 Boyd Street  
Baltimore, MD 21223

Phone/fax (410) 528-1853

Date	Revisions
4/24/07	Add designation "Lot 46 (Vacant)" to the adjoining lot, change grid designation in title block to "10"

**OWNER**  
Paul J. Imperatore,  
Imperatore Development,  
L.L.C.  
1804 Webster Street  
Baltimore, Maryland 21230  
ph. 410-218-2091

**Site and Sediment Control Plan**

Lot 45 of Stone Lake  
Residential Site Development Plan

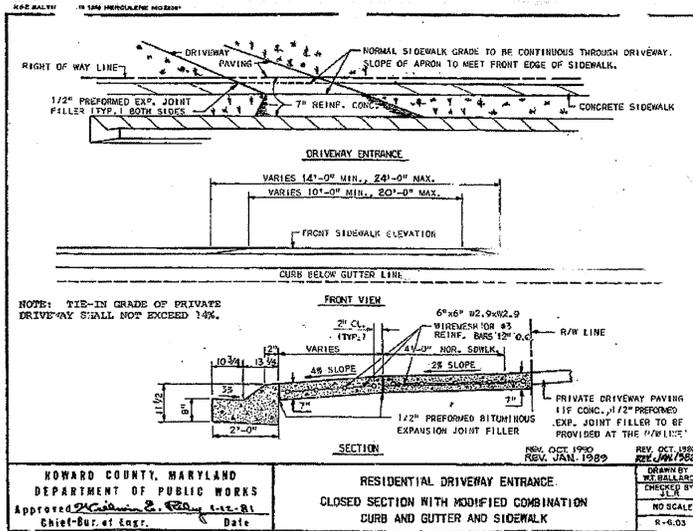
8715 Weathered Stone Way,  
Laurel, Maryland 20723

Howard County Election District No. 6,  
Tax Map 47, Grid 10, Parcel 1047, Lot 45  
Plat No. 15537, sheet 3 of 8, Howard Co. Land Records

Date: March 19, 2007

Scale: 1 in. = 20 ft

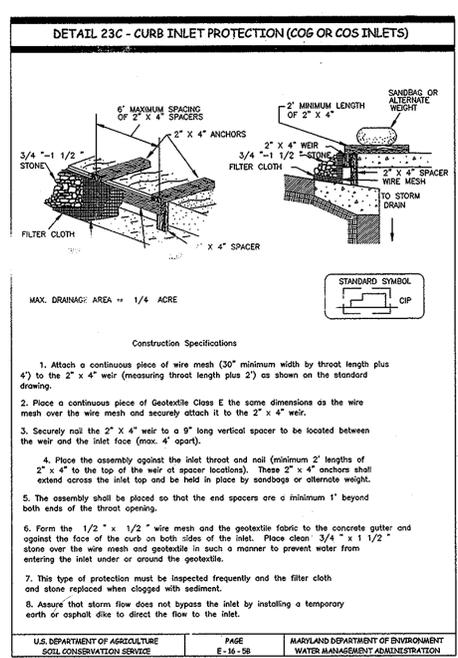
Sheet 2 of 4



HOWARD COUNTY, MARYLAND  
DEPARTMENT OF PUBLIC WORKS  
Approved: *[Signature]* Chief-Dir. of Engr. Date

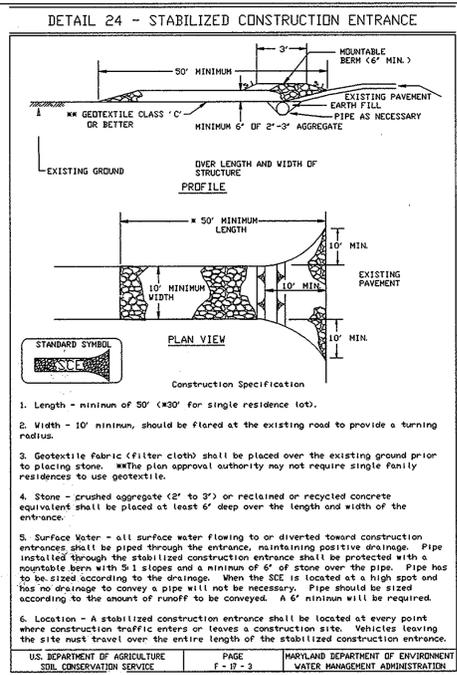
RESIDENTIAL DRIVEWAY ENTRANCE  
CLOSED SECTION WITH MODIFIED COMBINATION CURB AND GUTTER AND SIDEWALK

REVISIONS: REV. OCT. 1989, REV. JAN. 1989, REV. JAN. 1992



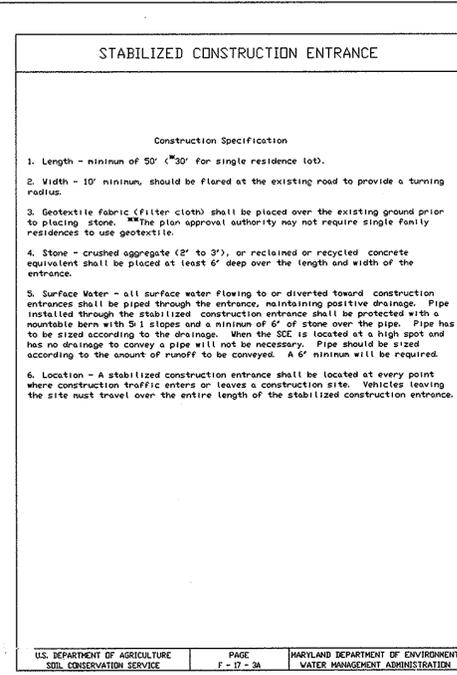
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE E-16-58

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE F-17-3

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



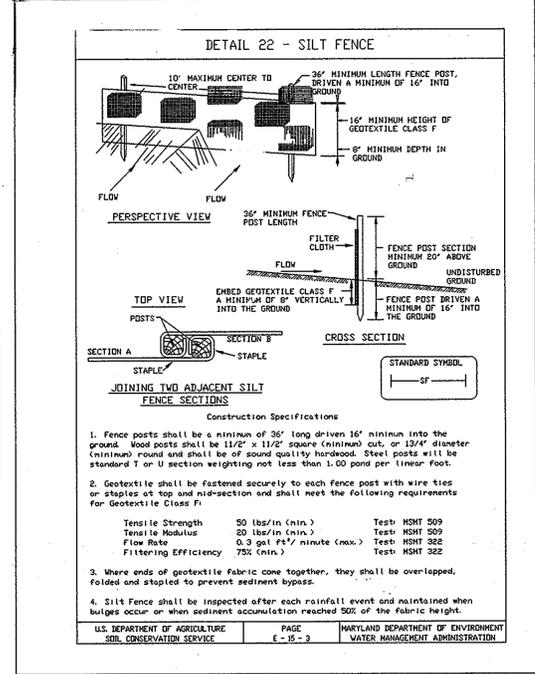
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE F-17-3A

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

**ENGINEER'S CERTIFICATE**

"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

*Edwin Lee Smith* 4/24/07  
Edwin Lee Smith, PE Date



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE E-15-3

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

**SILT FENCE**

Silt Fence Design Criteria

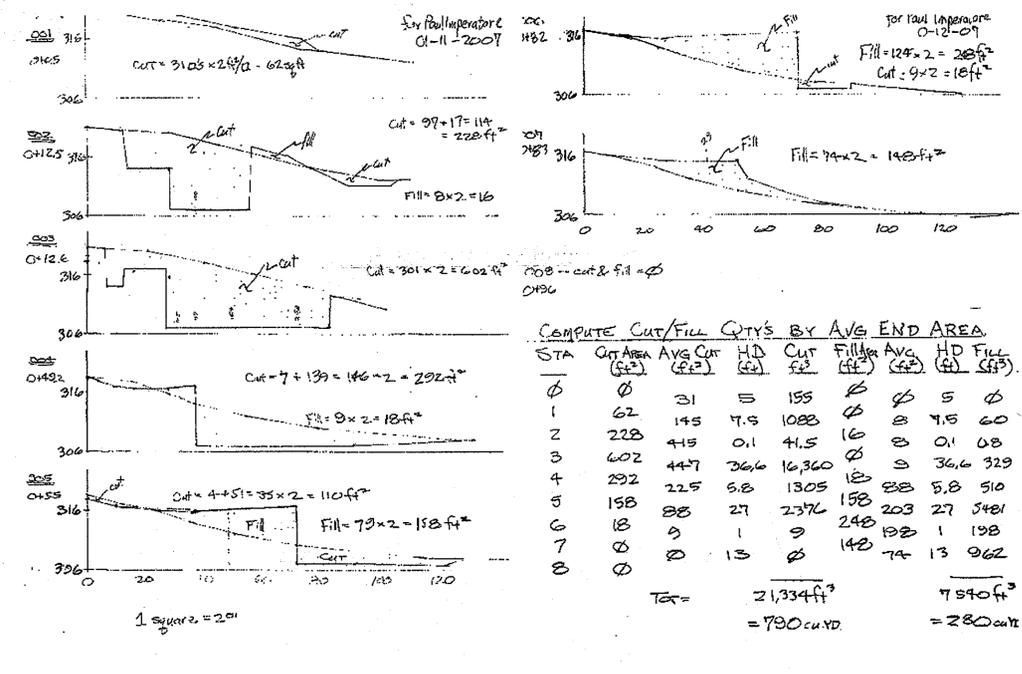
Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.

Approved: *[Signature]* 5-3-07

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE E-15-3A

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



**DEVELOPER'S/BUILDER'S CERTIFICATE**

"I certify that all development and/or construction will be done according to this plan, and that any responsible personnel involved in this construction project will have a Certificate of Attendance at a Maryland Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the HSCD"

*Paul J. Imperatore* 4.24.07  
Paul J. Imperatore Date

APPROVED: Howard County Department of Planning & Zoning

*[Signature]* 5/15/07  
Director Date

*[Signature]* 5/15/07  
Chief, Division of Land Development Date

*[Signature]* 5/14/07  
Chief, Development Engineering Division Date

**Edwin Lee Smith**  
Professional Engineer  
Property Line Surveyor

1020 Boyd Street  
Baltimore, MD 21223

Phone/fax (410) 528-1853

Date	Revisions
4/24/07	Change grid designation in title block to "10"

**OWNER**  
Paul J. Imperatore,  
Imperatore Development,  
L.L.C.  
1804 Webster Street  
Baltimore, Maryland 21230  
ph. 410-218-2091

**Sediment Control & Driveway  
Details, Cut/Fill Comps**

Lot 45 of Stone Lake  
Residential Site Development Plan

8711 Weathered Stone Way,  
Laurel, Maryland 20723

Howard County Election District No. 6,  
Tax Map 47, Grid 10, Parcel 1047, Lot 45  
Plat No. 15537, sheet 3 of 8, Howard Co. Land Records

Date: March 19, 2007  
Scale: As noted  
Sheet 3 of 4

